

Memorandum

To: Arthur Bourlard

From: James T. Olsen, LEP, John C. Hickey, P.E.

Date: July 11, 2004

Re: Meeting Minutes- Lockformer Regulatory Progress Meeting: July 1, 2004

cc: Chuck Kuoni, Rian Scheel, J.R. Svehla, Jeff Pope, Ron St. John,
Karen Mack, Kathryn Pamenter

US EPA RECORDS CENTER REGION 5



425645

The following are minutes from the Regulatory Progress Meeting held on July 1, 2004 to discuss the progress made to date on operation of the ERH and SVE remediation systems and other issues regarding the project.

Attendees:

| NAME | COMPANY | TELEPHONE # |
|-----------------|--------------|----------------|
| ARTHUR BOURLARD | LOCKFORMER | (630) 964-8000 |
| JAMES OLSEN | TIGHE & BOND | (860) 704-4761 |
| OM PATEL | WESTON | (847) 918-4051 |
| MIKE JOHNSON | CLAYTON | (630) 795-3200 |
| BILL ELWELL | CLAYTON | |
| PAUL BIANCO | TRS | (206) 283-2572 |
| KEVIN McCARTY | US EPA | (312) 886-2256 |
| SASA JAZIC | PARSONS | (630) 371-1821 |

ATTENDED VIA CONFERENCE CALL:

| NAME | COMPANY |
|--------------|------------------------------------|
| KAREN MACK | DEUTSCH, LEVY |
| SEAN BEZARK | GREENBURG TRAUIG |
| JOHN HICKEY | TIGHE & BOND |
| DENIS WALSH | VILLAGE OF LISLE |
| HOWARD CHINN | ILLINOIS ATTORNEY GENERAL'S OFFICE |

SVE System Operations:

Bill reviewed the operation of the SVE system and monitoring data:

- The SVE system has been operating normally.
- The highest PID concentrations (>5ppm) occurred around the fill pipe area.
- The vapor phase treatment data was summarized:
 - A GAC change out on occurred on 6/25/04.
 - The data showed low treatment efficiency before the change out and improved treatment efficiency.

- There were higher stack concentrations before the GAC change out but the concentrations were well below standards. The sample collected after the GAC change was ND.
- Some of the SUMMA perimeter and residential samples had low TCE concentrations but well below action levels.
- There is no perimeter or residential sample data after the GAC change.
- Liquid GACs were changed on 6/24/04 due to poor removal efficiency.
- Arthur requested taking one 24-hour perimeter sample per week rather than 3 per week.
- Kevin said Steve wanted to continue to sample with SUMMAs as scheduled because of vinyl chloride and increasing levels on the influent. Arthur requested that EPA revisit this requirement based on the historic data results and the treatment efficiency.
- Bill added stack data indicated that system influent might be past its peak. They would continue to do the PID monitoring.
- Bill distributed the mass removal graph with notes on it as requested by Howard. Arthur will mail a copy to Howard.

EPH System Operation

- Paul said they switched the “Y” strainer for larger basket strainer and it seems to have solved problem.
- More steam leaks were sealed in the degreaser area.
- The ERH system is running well and the temperature is up everywhere.
- Will request sampling of Area 2-D next week. Bill said he will send out a sampling request and protocols to try to sample 4 locations in Areas 2D, 1G, 1H.
- Bill described the mass removal graph:
 - The peak at about day 150 is from the heat up of Area 1
 - The following drops are due to system shut downs to evaluate cracks in the wall.
 - The mass removal rate then spikes back up when the system comes back on.
 - It seems that concentrations are now declining from the recent peak.
- Kevin said Steve had a concern that the steam leaks may impact system performance. Paul said that the system is shut down for only a few hours to fix leaks.
- Kevin asked if the vacuum could be turned up. Paul said he could use more vacuum. Vacuum has been turned down some because of the silt problem.
- Arthur said there is no other practical way to fix the leaks. To seal all cracks and cuts in the floor, machines would have to be removed which is not practical.
- Lockformer will have the new basket strainer cleaned on Sunday to prevent system shutdown over the long weekend.

Area 3 Investigation:

- No comments yet from Agencies on the Area 3 investigation report.

Water Line Replacement:

- Karen said Arthur picked up the permit.
- Arthur said the contractors are on-site and are preparing to start work. Expecting work on water line replacement to be completed in 3 weeks.
- Howard asked if water will be turned off to do the work. Arthur said only at the very end when connection to water main is made.
- Denis said Karen requested that he contact Bill Kay to do the site work. Village will not contact Bill Kay – Lockformer will do this.

Bio Remediation:

- Arthur said that Trans-Shield will install the pilot test wells on Tuesday in the area around well 500D.
- Materials for equipment are being procured and Arthur expects to fabricate the tanks next week.
- The professors should be procuring the bioreactor.
- The ERH system will be shut down during drilling for the bioremediation wells.

Next meeting: July 15 at 9:00